

WHAT IS CLAIMED IS:

1. A filtration apparatus comprising:

a housing head having an inlet and an outlet;

a housing bowl detachably attached to said housing head and surrounding a cartridge filter to define a channel wall; and

5 clamping means exerting force to press said housing head and said housing bowl against each other to clamp said housing head and said housing bowl together, wherein:

said housing head has a portion facing said housing bowl and having a sealing portion; and

10 said housing bowl has a sealing portion providing a seal when said clamping means exerts force to allow said sealing portion of said housing bowl to abut directly against said sealing portion of said housing head.

2. The filtration apparatus of claim 1, wherein said sealing portion of said housing head and said sealing portion of said housing bowl each extend in a form of a ring, one a protrusion and the other a recess abutting against said protrusion, and wherein said seal is at least two circular seals.

3. The filtration apparatus of claim 1, wherein when said recess and said protrusion are pressed against each other said recess is increased in width elastically and has resilience allowing said recess to cooperate with said protrusion to provide said seal.

4. The filtration apparatus of claim 1, wherein one of said sealing portions of said housing head and bowl is a protrusion and the other is a surface receiving said protrusion pressed thereagainst to elastically deform and thus allow said receiving surface to cooperate with said protrusion to provide a seal.

5. The filtration apparatus of claim 4, wherein said receiving surface is recessed.

6. The filtration apparatus of claim 1, wherein said housing head, said cartridge filter and said housing bowl are all formed of fluororesin.